

Figure 1: Basic psychometrics. (A) Choice probability as a function of relative rating. (B) Total fixation time as a function of the relative rating of the highest rated item. (C) Kernel density estimation of distribution of total fixation time.

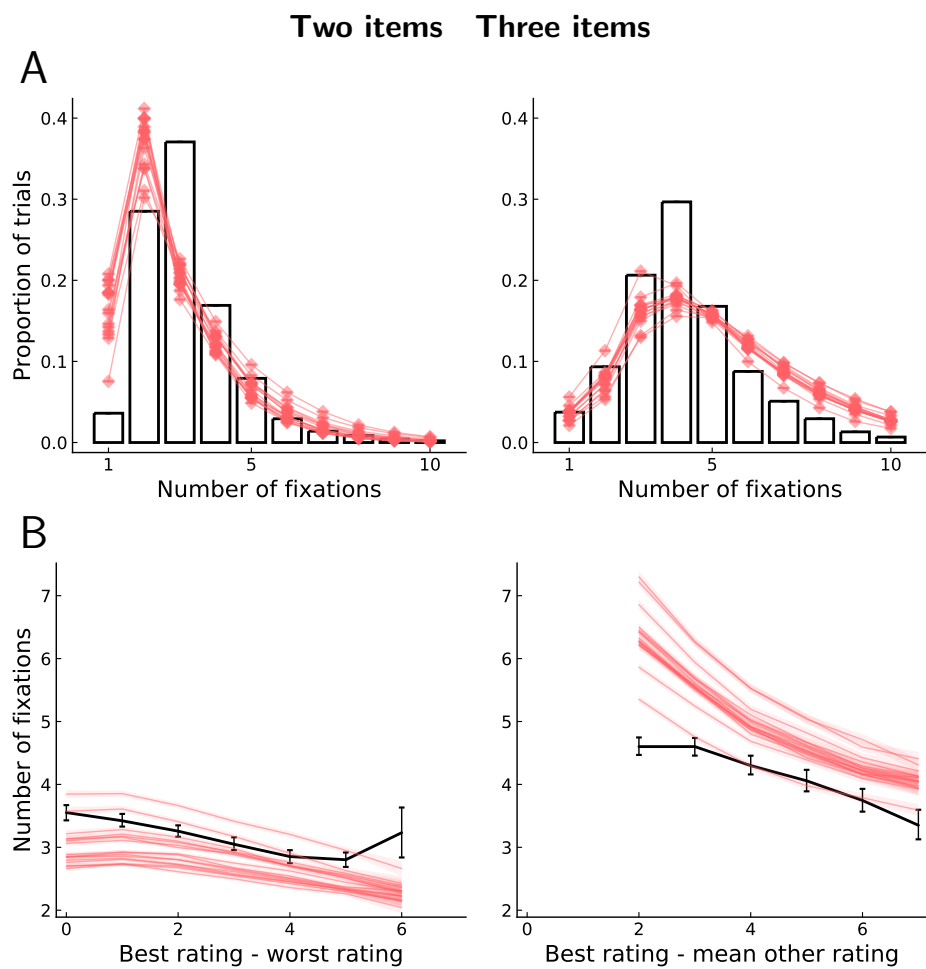


Figure 2: Number of fixations. (A) Histogram of fixation counts. (B) Number of fixations as a function the relative rating of the highest rated item.

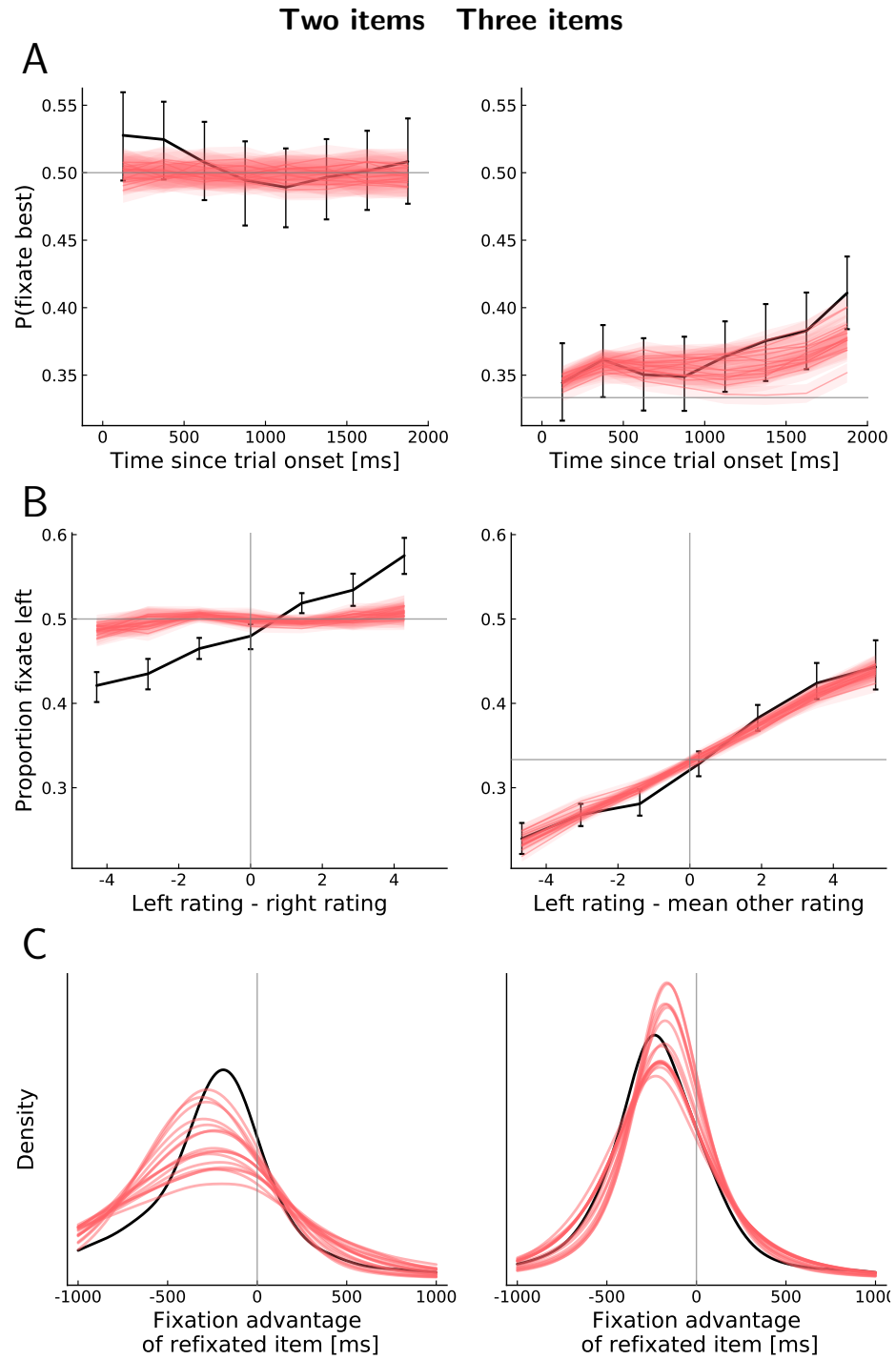


Figure 3: Fixation locations. (A) Probability of fixating the highest rated item over time. (B) Proportion of time fixating the left item as a function of its relative value. (C) Distribution of fixation advantage for a refixated item. Fixation advantage is defined as the amount of time fixating the given item minus the mean for the other item(s).

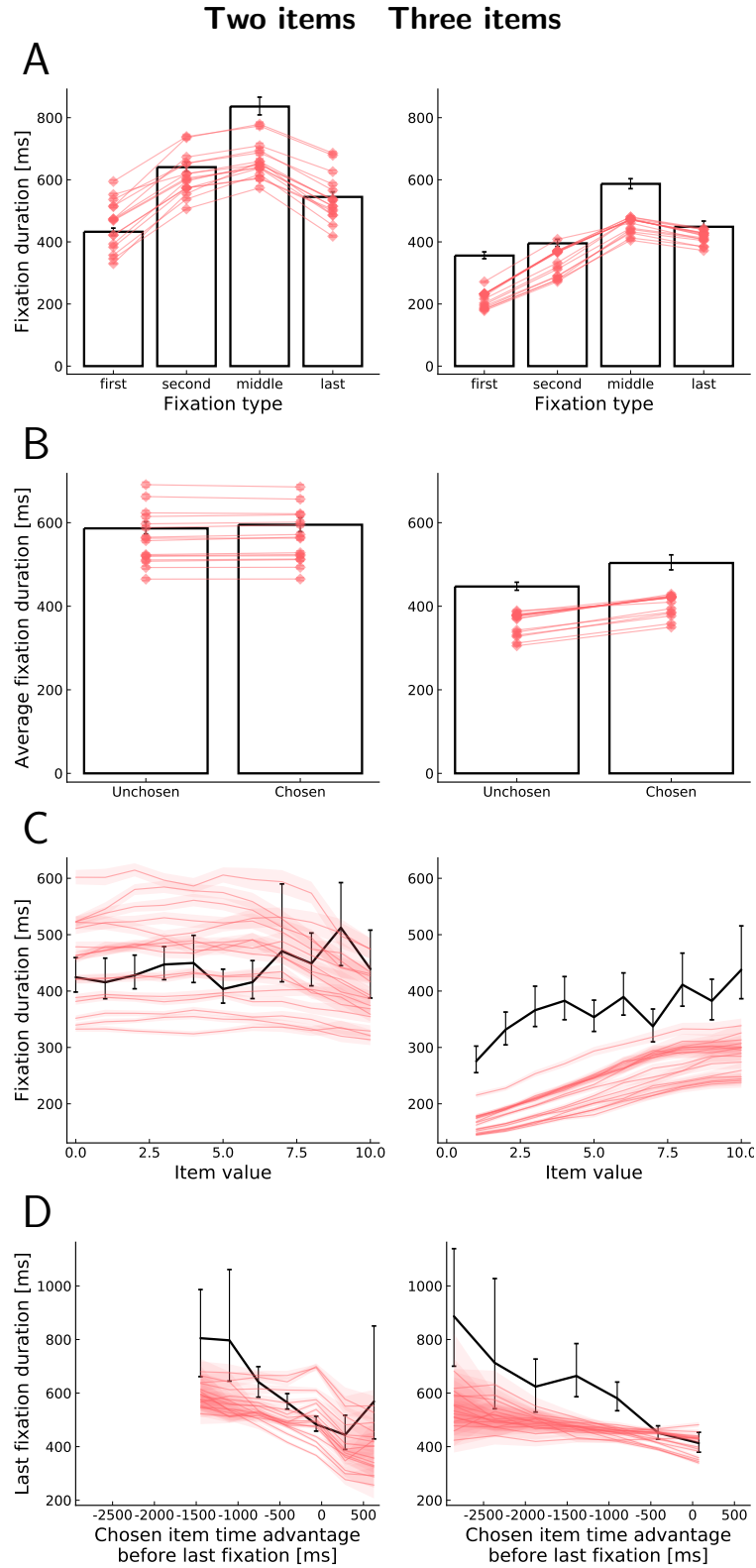


Figure 4: Fixation durations. (A) Fixation duration by fixation type. Middle fixations are any that are not first, second or final. (B) Average fixation duration to unchosen and chosen items, excluding the final fixation. (C) First fixation duration as a function of the value of the first fixated item. (D) Last fixation duration as a function of the excess time fixating on the last fixated item before the last fixation.

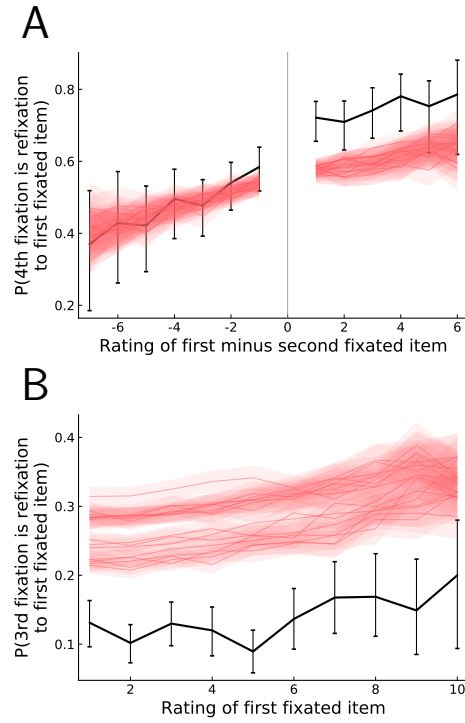


Figure 5: Mechansim tests for three-item. (A) The probability that the fourth fixation is to the first-fixated item as a function of the difference in rating between that item and the second-fixated item, i.e. the item that could have received the fourth fixation but did not. (B) Probability that the third fixation is to the first fixated item as a function of the value of that item.

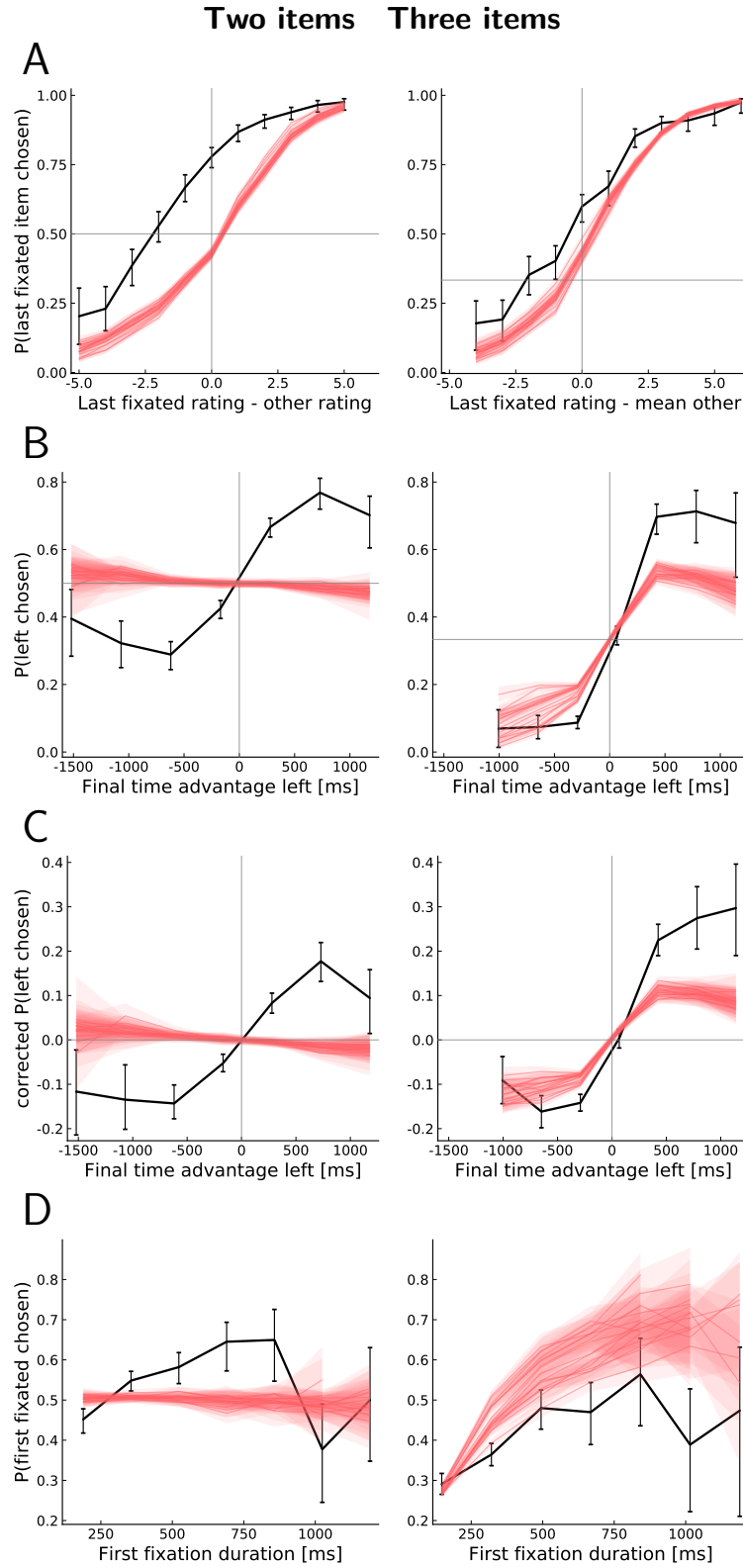


Figure 6: Choice biases. (A) Probability that the last fixated item is chosen as a function of its relative rating. (B) Probability that the left item is chosen as a function of its final fixation advantage. (C) Same as B but with choice probabilities relative to those expected given the left item's relative value. (D) Probability of choosing the first-fixated item as a function of the duration of that fixation.